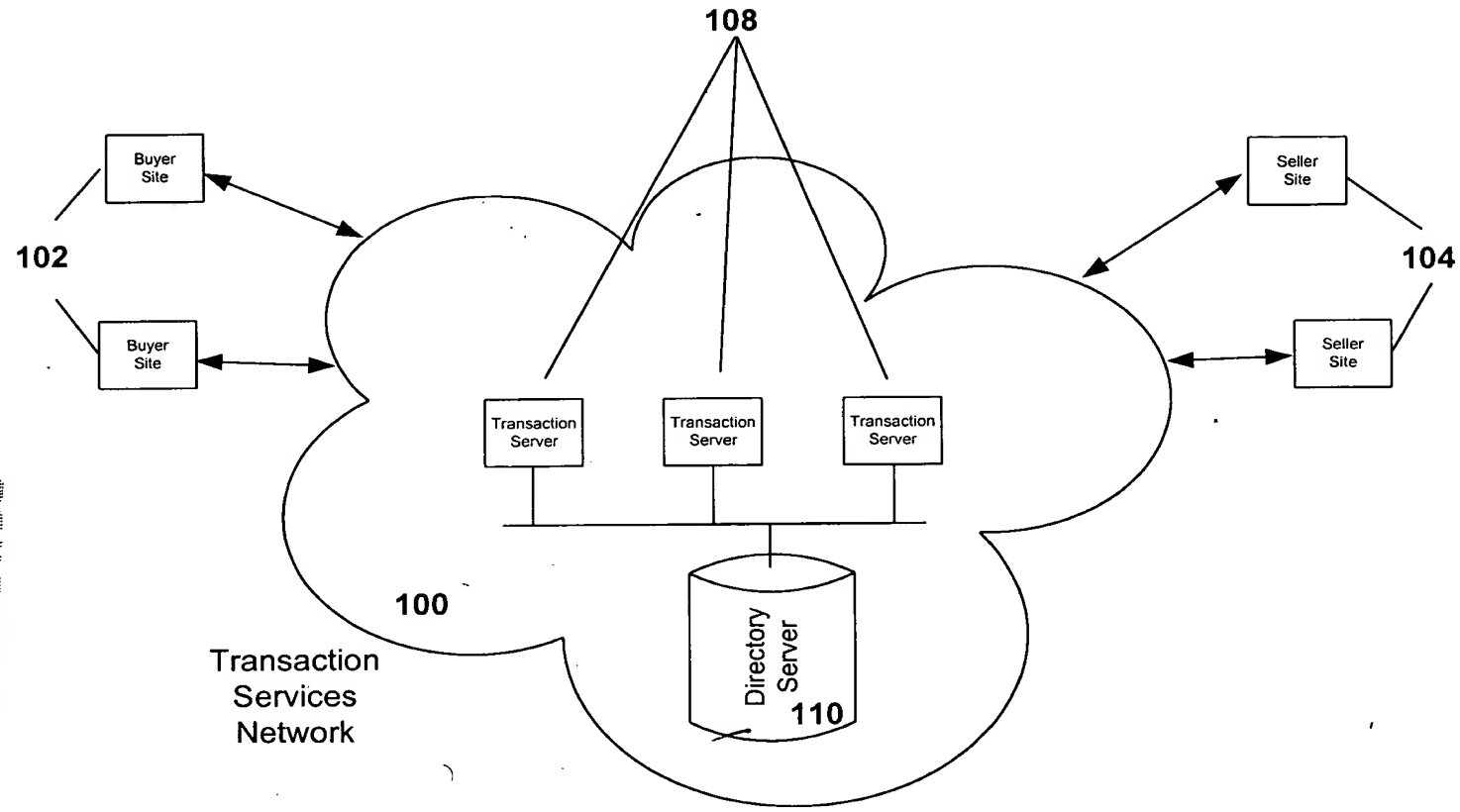
108
Buyer Site
Buyer Site
102
Seller Site
Seller Site
104
Transaction Server
Transaction Server
Transaction Server
100
Transaction Services Network
Directory Server
110

FIG. 1

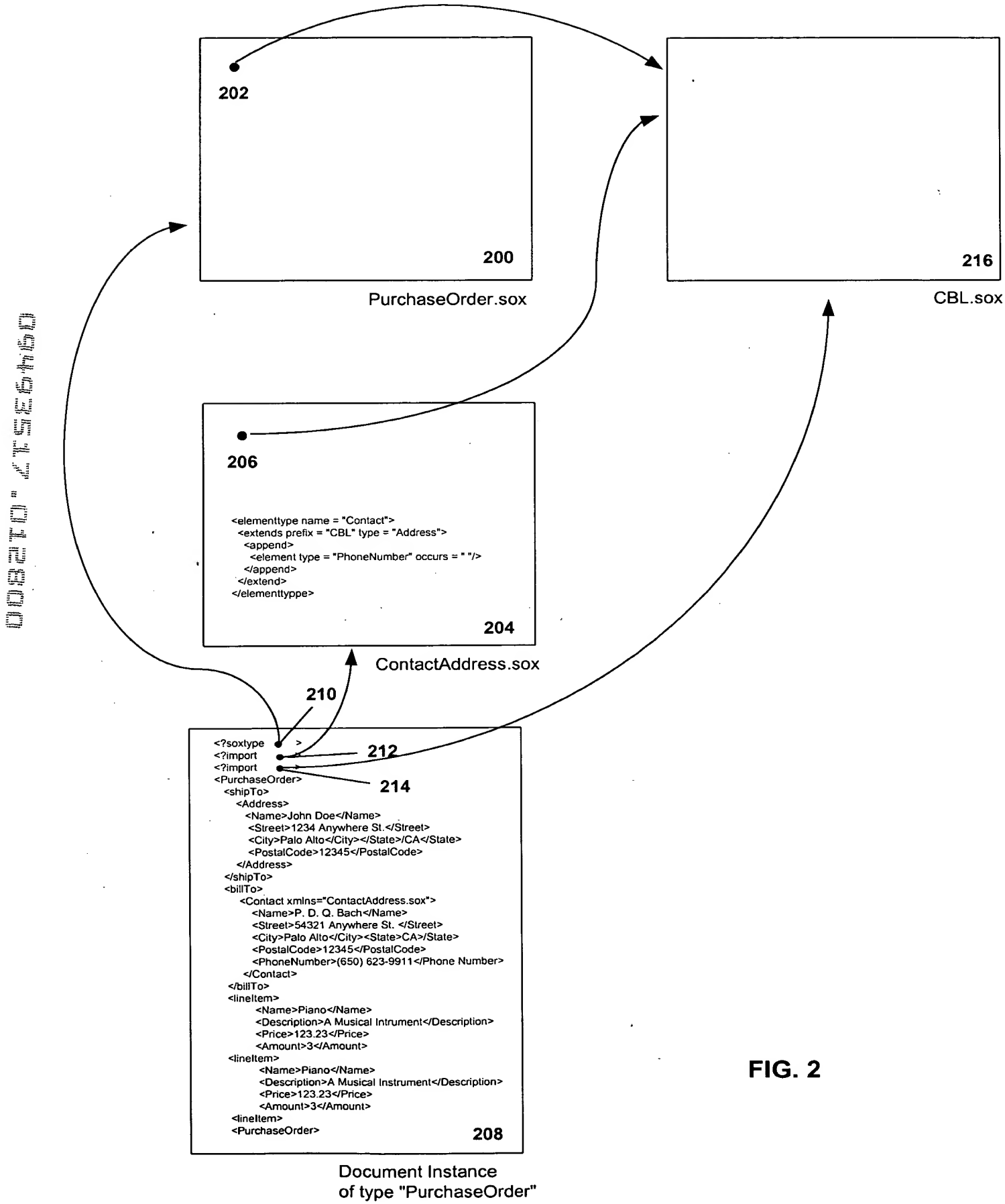
202
200
PurchaseOrder.sox
216
CBL.sox
206
<elementtype name = "Contact">
<extends prefix = "CBL" type = "Address">
<append>
<element type = "PhoneNumber" occurs = " "/>
</append>
</extend>
</elementtype>
204
ContactAddress.sox
210
<?soxtype >
<?import
<?import
<PurchaseOrder>
<shipTo>
<Address>
<Name>John Doe</Name>
<Street>1234 Anywhere St.</Street>
<City>Palo Alto</City></State>/CA</State>
<PostalCode>12345</PostalCode>
</Address>
</shipTo>
<billTo>
<Contact xmlns="ContactAddress.sox">
<Name>P. D. Q. Bach</Name>
<Street>54321 Anywhere St. </Street>
<City>Palo Alto</City><State>CA>/State>
<PostalCode>12345</PostalCode>
<PhoneNumber>(650) 623-9911</Phone Number>
</Contact>
</billTo>
<lineItem>
<Name>Piano</Name>
<Description>A Musical Intrument</Description>
<Price>123.23</Price>
<Amount>3</Amount>
<lineItem>
<Name>Piano</Name>
<Description>A Musical Instrument</Description>
<Price>123.23</Price>
<Amount>3</Amount>
<lineItem>
<PurchaseOrder>
208
212
214
Document Instance
of type "PurchaseOrder"

FIG. 2

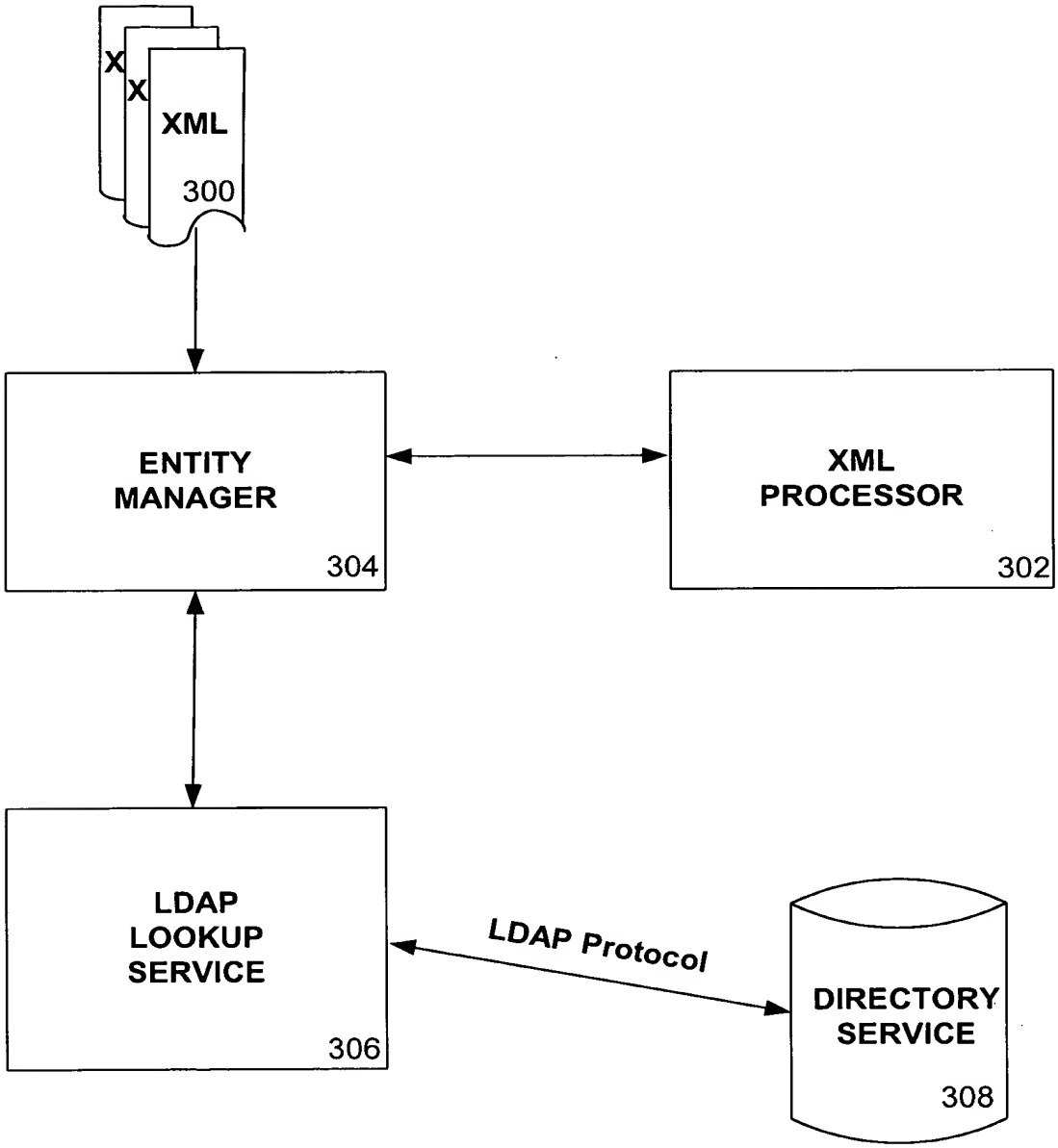
XML
300
ENTITY MANAGER
304
XML PROCESSOR
302
LDAP LOOKUP SERVICE
306
LDAP Protocol
DIRECTORY SERVICE
308

FIG. 3

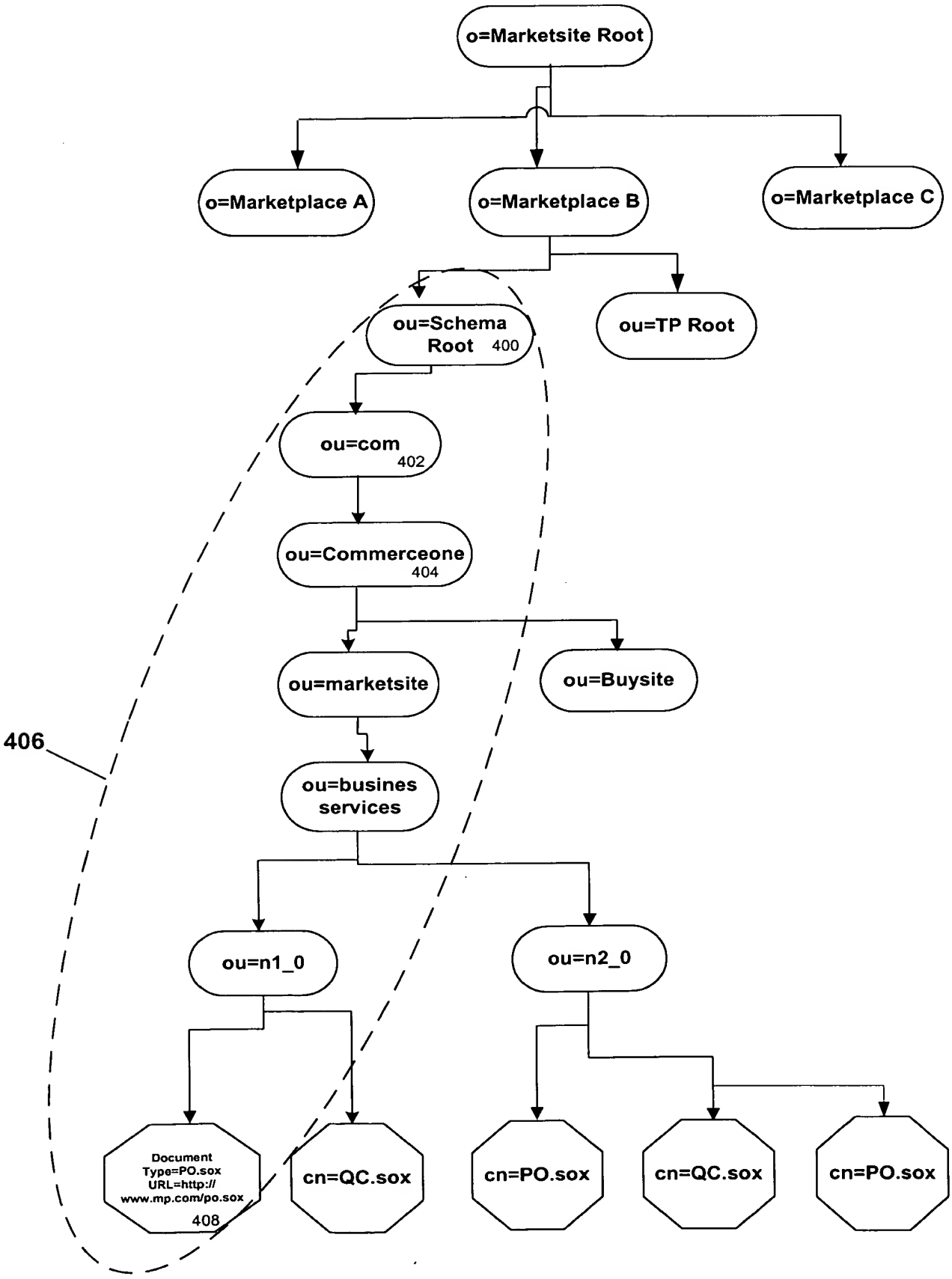
o=Marketsite Root
o=Marketplace A
o=Marketplace B
o=Marketplace C
ou=Schema Root 400
ou=TP Root
ou=com 402
ou=Commerceone 404
ou=marketsite
ou=Buysite
406
ou=busines services
ou=n1_0
ou=n2_0
Document Type=PO.sox URL=http:// www.mp.com/po.sox 408
cn=QC.sox
cn=PO.sox
cn=QC.sox
cn=PO.sox

FIG. 4